



PATENT
Customer No. 22,852
Attorney Docket No. 09136.0008

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Yeou-Yen CHEN et al.

Application No.: 09/808,197

Filed: March 13, 2001

For: FILTER BASED
MULTIPLEXER/DEMULITPLEXER
COMPONENT

Commissioner for Patents
Washington, DC 20231

Sir:

**REVOCATION OF POWER OF ATTORNEY
AND GRANT OF NEW POWER OF ATTORNEY**

The undersigned, a representative authorized to sign on behalf of the Assignee owning all of the interest in this patent, hereby revokes all previous powers of attorney or authorization of agent granted in this application before the date of execution hereof. The undersigned verifies that Pine Photonics Communications, Inc. is the Assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors filed in the U.S. Patent and Trademark Office on November 16, 2001 (copies of the Recordation Cover Sheet and executed Assignment as filed are attached). The undersigned certifies that the evidentiary documents have been reviewed and to the best of the undersigned's knowledge and belief, title is in the Assignee Pine Photonics Communications, Inc.

The undersigned hereby grants its power of attorney to **FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.**, Douglas B. Henderson, Reg. No. 20,291; Ford

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#9 Revocation
M. Braunson
4/24/03

F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hester, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014; Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; Roger D. Taylor, Reg. No. 28,992; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; Christopher P. Isaac, Reg. No. 32,616; Bryan C. Diner, Reg. No. 32,409; M. Paul Barker, Reg. No. 32,013; Andrew Chanho Sonu, Reg. No. 33,457; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van

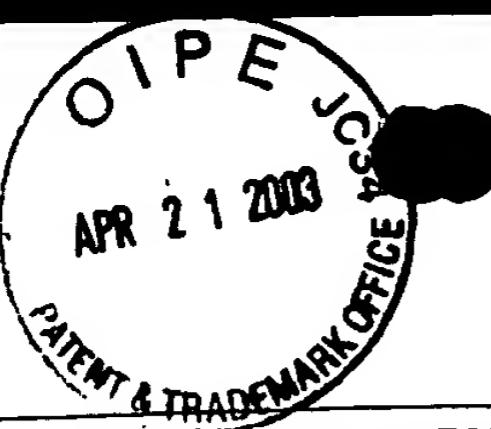
Horn, Reg. No. 40,266; Linda A. Wadler, Reg. No. 33,218; Jeffrey A. Berkowitz, Reg. No. 36,743; Michael R. Kelly, Reg. No. 33, 921; James B. Monroe, Reg. No. 33,971; Doris Johnson Hines, Reg. No. 34,629; Lori Ann Johnson, Reg. No. 34,498; R. Bruce Bower, Reg. No. 37,099; John Rissman, Reg. No. 33,764; Therese A. Hendricks, Reg. No. 30,389; Leslie I. Bookoff, Reg. No. 38,084; Michele C. Bosch, Reg. No. 40,524; Michael J. Flibbert, Reg. No. 33,234; Scott A. Herbst, Reg. No. 35,189; Leslie A. McDonell, Reg. No. 34,872; Thalia V. Warnement, Reg. No. 39,064; Ronald A. Bleeker, Reg. No. 27,773; Kathleen A. Daley, Reg. No. 36,116; C. Gregory Gramenopoulos, Reg. No. 36,532; Anthony M. Gutowski, Reg. No. 38,742; Yitai Hu, Reg. No. 40,653; Lionel M. Lavenue; Reg. No. 46,859; Christine E. Lehman, Reg. No. 38,535; and Gary J. Edwards, Reg. No. 41,008; both jointly and separately as their attorneys with full power of substitution and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and to receive the Letters Patent.

Please send all future correspondence concerning this application to Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P. at the following address:

Finnegan, Henderson, Farabow,
Garrett & Dunner, L.L.P.
1300 I Street, N.W.
Washington, D.C. 20005-3315

Dated: April 15, 2003

By: 
Name: Osa Mok
Title: Vice President, Marketing
Pine Photonics Communications, Inc.



**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

~~TRADE~~ TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED
ORIGINAL DOCUMENTS OR COPY THEREOF.

<p>1. Name of conveying party(ies):</p> <p>(a) Yeou-Yen Chen (b) Joseph Vanniasinkam (c) Jon Meyer (d) Chris Carroll (e) John Wai (f) Chris Viray (g) Bill Reysen (h) Bor-Long Twu</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Pine Photonics Communications, Inc. Street Address: 940 Auburn Court City: Fremont 94538 Country: USA</p>				
<p>3. Nature of Conveyance:</p> <p><input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>(a) 9/28/01; (b, c, d, e, f) 10/24/01; (g) 10/23/01;</u> <u>(h) 10/30/01</u></p>	<p>Name and address of receiving party(ies):</p> <p>Name: Street Address: City: State: Zip: Country: Additional name(s) & address(es) attached?</p> <p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>				
<p>4. Application number(s) or patent number(s):</p> <p>If this document is being filed together with a new application, the execution date of the application is: _____</p> <table border="1" style="width: 100%;"> <tr> <td style="width: 50%;">A. Patent Application No.(s) – <u>09/808,197</u></td> <td style="width: 50%;">B. Patent No.(s)</td> </tr> <tr> <td>Title: <u>Filter Based Multiplexer/Demultiplexer Component</u></td> <td>N/A</td> </tr> </table> <p>Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	A. Patent Application No.(s) – <u>09/808,197</u>	B. Patent No.(s)	Title: <u>Filter Based Multiplexer/Demultiplexer Component</u>	N/A	
A. Patent Application No.(s) – <u>09/808,197</u>	B. Patent No.(s)				
Title: <u>Filter Based Multiplexer/Demultiplexer Component</u>	N/A				
<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Gary J. Edwards</u> Internal Address: <u>SKJERVEN MORRILL MacPHERSON LLP</u> Street Address: <u>25 METRO DRIVE, SUITE 700</u> City <u>SAN JOSE</u> State <u>CA</u> Zip <u>95110</u></p>	<p>6. Total number of applications and patents involved: <u>2</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Authorized to be charged to Deposit Account 19-2386 <input checked="" type="checkbox"/> Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid</p>				
<p>DO NOT USE THIS SPACE</p> <p style="text-align: right;">RECEIVED MAIL ROOM 10/22/2003</p>					
<p>8. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</p> <p><u>Gary J. Edwards</u> <u>11/16/01</u></p> <p>Gary J. Edwards 41.008 Name of Person Signing Signature Date</p>					

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

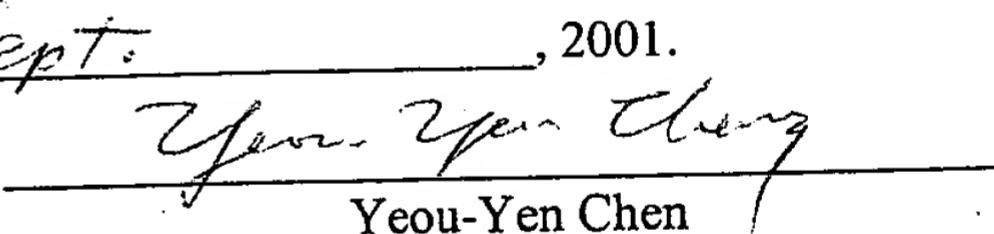
Yeou-Yen Chen	of Saratoga, California
Joseph Vanniasinkam	of Scarborough, Ontario Canada
Jon Meyer	of Fremont, California
Chris Carroll	of Santa Clara, California
John Wai	of Los Altos, California
Chris Viray	of Sunnyvale, California
Bill Reysen	of Lafayette, California
Bor-Long Twu	of Sunnyvale, California

hereby sell, assign and transfer to Pine Photonics Communications, Inc., a Delaware corporation, having a place of business at 940 Auburn Court, Fremont, California, 94538, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Filter Based Multiplexer/Demultiplexer Component

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

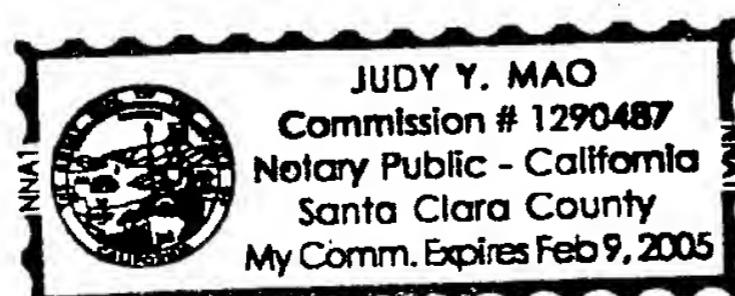
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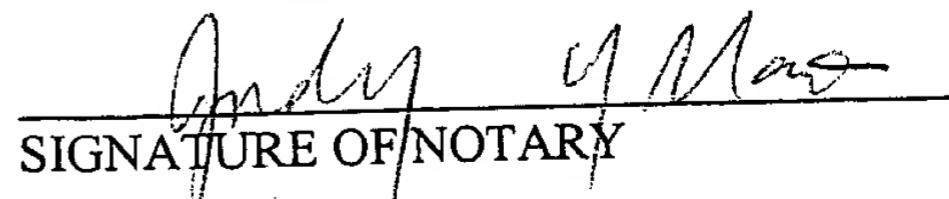
Yeou-Yen Chen

State of California)
) ss.
County of Santa Clara)

On Sep. 28, 2001 before me, Judy Y. Mao, Notary Public
personally appeared Yeou-Yen Chen personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



WITNESS my hand and official seal.



SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Joseph Vanniasinkam

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Jon Meyer

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Chris Carroll

State of _____)
) ss.

County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

John Wai

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Chris Viray

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Bill Reysen

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

Executed this _____ day of _____, 2001.

Twu Bor-Long

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

717737 v1

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

<u>Yeou-Yen Chen</u>	of <u>Saratoga, California</u>
<u>Joseph Vanniasinkam</u>	of <u>Scarborough, Ontario Canada</u>
<u>Jon Meyer</u>	of <u>Fremont, California</u>
<u>Chris Carroll</u>	of <u>Santa Clara, California</u>
<u>John Wai</u>	of <u>Los Altos, California</u>
<u>Chris Viray</u>	of <u>Sunnyvale, California</u>
<u>Bill Reysen</u>	of <u>Lafayette, California</u>
<u>Bor-Long Twu</u>	of <u>Sunnyvale, California</u>

hereby sell, assign and transfer to Pine Photonics Communications, Inc., a Delaware corporation, having a place of business at 940 Auburn Court, Fremont, California, 94538, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Filter Based Multiplexer/Demultiplexer Component

for which we have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this _____ day of _____, 2001.

Yeou-Yen Chen

State of _____)
) ss.
County of _____)

On _____ before me, _____ personally
personally appeared _____ known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY

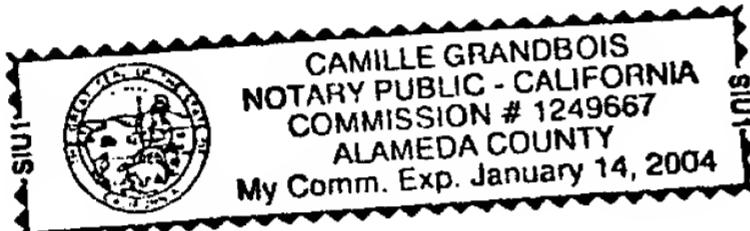
Executed this 24th day of October, 2001.

Joseph Vannasinkam
Joseph Vannasinkam

State of California)
ss.
County of Alameda)

On Oct. 24, 2001 before me, C. GRANDBOIS, NOTARY PUBLIC
personally appeared Joseph Vannasinkam personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Camille Grandbois
SIGNATURE OF NOTARY

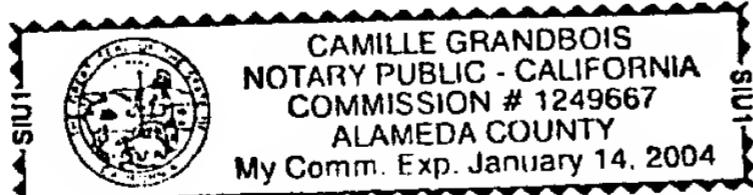
Executed this 24 day of October, 2001.

Jon Meyer
Jon Meyer

State of California)
ss.
County of Alameda)

On Oct. 24, 2001 before me, C. GRANDBOIS, NOTARY PUBLIC,
personally appeared Jon Meyer personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.



Camille Grandbois
SIGNATURE OF NOTARY

Executed this 24th day of October, 2001.

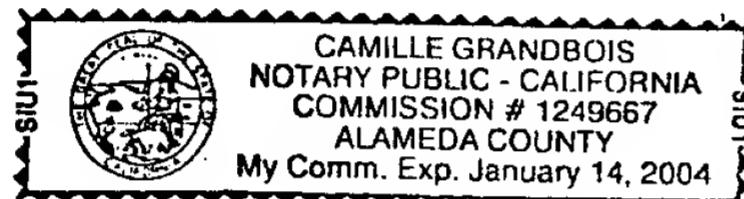
Chris Carroll

Chris Carroll

State of California
ss.

County of Alameda

On Oct. 24, 2001 before me C. Grandbois, Notary Public,
personally appeared Chris Carroll personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(jes), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



WITNESS my hand and official seal.

Camille Grandbois
SIGNATURE OF NOTARY

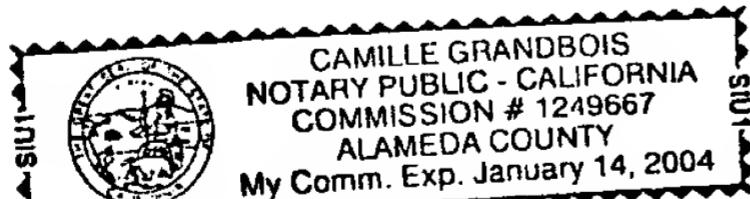
Executed this 24 day of October, 2001.

John Wai

State of California
ss.

County of Alameda

On Oct. 24, 2001 before me C. Grandbois, Notary Public,
personally appeared John Wai personally
known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(jes), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.



WITNESS my hand and official seal.

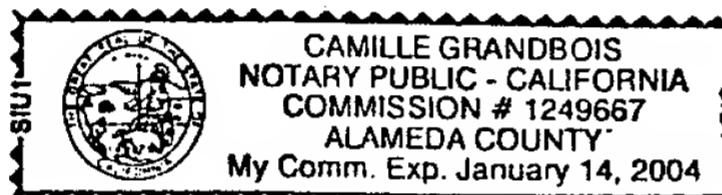
Camille Grandbois
SIGNATURE OF NOTARY

Executed this 24th day of October, 2001.

Chris Viray
Chris Viray

State of California)
ss.
County of Alameda)

On Oct 24, 2001 before me, C. GRANDBOIS, NOTARY PUBLIC, personally appeared Chris Viray personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

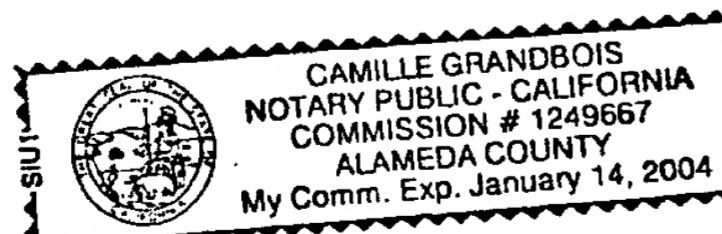
Camille Grandbois
SIGNATURE OF NOTARY

Executed this 23rd day of October, 2001.

Bill Reysen
Bill Reysen

State of California)
ss.
County of Alameda)

On October 23, 2001 before me, C. GRANDBOIS, NOTARY PUBLIC, personally appeared Bill Reysen personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Camille Grandbois
SIGNATURE OF NOTARY

Executed this 30th day of October, 2001.

M-hy Lin
Twu Bor-Long

State of CA)
) ss.

County of Alameda

On 10/30/01 before me, Bor Long Twu personally appeared Jennifer Chen, notary
personally appeared Bor Long Twu personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose
name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they
executed the same in his/her/their authorized capacity(ies), and that by his/her/their
signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s)
acted, executed the instrument.

WITNESS my hand and official seal.

Jennifer Chen
SIGNATURE OF NOTARY

